

Activity 2 Answers

Averages

Location 1	0.988
Location 2	1.036
Location 3	1.072

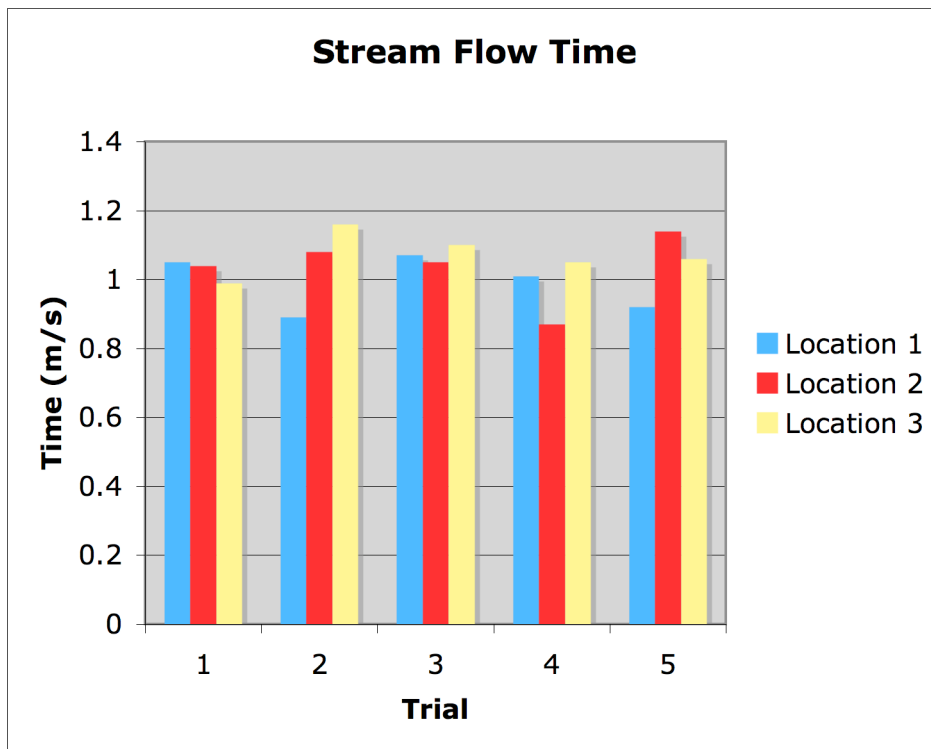
Question 1

In areas with the greater slope or gradient the velocity of the water was greater.

Question 2

The experiment hypothesis was correct. Take any reasonable answer for why.

Graph



Activity 3

Coordinate map

A.

75.33.900 W	39.48.85 N	232.0 ft start
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B.

75.33.909 W	39.48.30 N	224 ft start
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C.

75.37.929 W	39.48.76 N	217 ft start
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Activity 4

Question 1

Answers should include information on erosion, mass wasting, gravity, water velocity, and weathering. Discussion of the way streams meander should be included. Discussion of how some rock erodes faster than others and that that will affect the shape of the stream valley should be evident.

Question 2

10 years

Cross section should show a v-shape with areas of erosion.

50 years

Cross section should depict a greater v-shape with a wider streambed.

100 years

Cross section should show an exaggerated v-shape with a widened streambed.